

# TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

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January 2, 2007

TO: Internal File

THRU: Wayne Western, Environmental Scientist/Engineering, and Team Lead *WHW*

FROM: *JCH* Joseph C. Helfrich, Environmental Scientist/Biology, Cultural Resources and Land Use

RE: Installation of Ventilation Shaft, Andalex Resources Inc., Centennial Mine, C/007/0019, Task ID #2722

**SUMMARY:**

On October 25, 2006 the Division received an application from Andalex Resources Inc. to install a blowing ventilation shaft at the Centennial mine. The project is intended to facilitate the uninterrupted mining and maximum recovery of the coal by lowering the percentage of methane gas in the mine. This memo will address the applicant's response to the deficiencies enumerated in task # 2679 submitted December 21, 2006.

**TECHNICAL ANALYSIS:**

## GENERAL CONTENTS

### MAPS AND PLANS

Regulatory Reference: 30 CFR 777.14; R645-301-140.

**Analysis:**

Appendix Y of the application includes the following maps, a plan view, side view, revised surface facilities Plate 6, and revised surface area drainage plate 8.

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**Findings:**

The information provided is adequate to meet the requirements of this section of the regulations.

## **RECLAMATION PLAN**

### **REVEGETATION**

Regulatory Reference: 30 CFR Sec. 785.18, 817.111, 817.113, 817.114, 817.116; R645-301-244, -301-353, -301-354, -301-355, -301-356, -302-280, -302-281, -302-282, -302-283, -302-284.

**Analysis:**

The application includes information that addresses the requirements of these sections of the regulations as noted in appendix Y and includes a reference to the appropriate sections of the approved MRP.

**Findings:**

The information provided in the application is adequate to meet the requirements of these sections of the regulations.

### **STABILIZATION OF SURFACE AREAS**

Regulatory Reference: 30 CFR Sec. 817.95; R645-301-244.

**Analysis:**

The application includes information that addresses the requirements of this section of the regulations as noted in appendix Y and a reference to the appropriate sections of the reclamation plan in the MRP. The applicant has committed to surveying the reclaimed shaft area throughout the period of bond release. In the event settling occurs the area will be reclaimed in accordance with the approved MRP.

**Findings:**

The information provided in the application is adequate to meet the requirements of this section of the regulations.

**RECOMMENDATIONS:**

The application is recommended for approval.